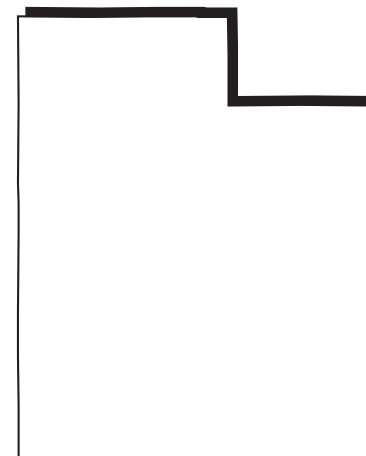# ALGEBRA AND TRIGONOMETRY

SEVENTH EDITION

textbook alignment to the

Utah
Core Curriculum
Algebra 2

Textbook Alignment to the Utah Core – Algebra 2

This alignment has been completed using an "Independent Alignment Vendor" from the USOE approved list (**www.schools.utah.gov/curr/imc/indvendor.html**.)   Yes **X**   No____

Name of Company and Individual Conducting Alignment: **McDougal Littell** and **McHugh & Associates, Inc. Jessica Mandell**

A "Credential Sheet" has been completed on the above company/evaluator and is (Please check one of the following):

___ **On record with the USOE.**

X **The "Credential Sheet" is attached to this alignment.**

Instructional Materials Evaluation Criteria (name and grade of the core document used to align): Algebra 2 Core Curriculum

_____

Title: Algebra and Trigonometry   **ISBN#: SE: 978-0-618-64321-9**

Publisher: McDougal Littell

Overall percentage of coverage in the *Student Edition (SE) and Teacher Edition (TE)* of the Utah State Core Curriculum: _____%

Overall percentage of coverage in *ancillary material*s of the Utah Core Curriculum: _____%

STANDARD I: Students will use the language and operations of algebra to evaluate, analyze and solve problems.			
Percentage of coverage in the *student and teacher edition* for Standard I:_____ %	**Percentage of coverage not in student or teacher edition, but covered in the *ancillary material* for Standard I: _____%**		
OBJECTIVES & INDICATORS	**Coverage in *Student Edition (SE) and Teacher Edition (TE) (*pg #'s, etc.)**	**Coverage in *Ancillary Material* (titles, pg #'s, etc.)**	*Not covered in TE, SE or ancillaries*
Objective 1.1: Evaluate, analyze, and solve mathematical situations using algebraic properties and symbols.			
a. Solve and graph first-degree absolute value equations of a single variable.	**141 (#65-66), 167 (#111-112), 169 (#16), 258 (#27-28)**		
b. Solve radical equations of a single variable, including those with extraneous roots.	**135 (Example 4), 140 (#29-44, 53-56), 142 (#96-98, 100c, 101c), 167 (#99-102, 115), 169 (#11), 188 (#137-138), 258 (#26), 862 (#81)**		
c. Solve absolute value and compound inequalities of a single variable.	**147-148, 149 (Example 6), 150 (#37-44), 151 (#45-60), 152 (#97, 101a, 102a, 103-105), 153 (#106-109, 110c), 168 (#125-131), 169 (#13), 259 (#31-32), 324 (#83-84), 353 (#99-100), 680 (#77-78), 772 (#77-78)**		

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OBJECTIVES & INDICATORS		Coverage in *Student Edition (SE) and Teacher Edition (TE) (pg #'s, etc.)*	Coverage in *Ancillary Material* (titles, pg #'s, etc.)	*Not covered in TE, SE or ancillaries*
d.	Add, subtract, multiply, and divide rational expressions and solve rational equations.	**43-44, 48 (#35-42), 49 (#43-54), 71 (#81-84), 73 (#11, 16), 92, 95 (#33-34, 36, 45-60, 91-92), 109 (#103-104), 143 (#117-120), 169 (#9), 202 (#109-112), 232 (#75-82), 258 (#5), 470 (#81-84), 543 (#117-120), 834 (#133-138), 862 (#82), 875 (#65-70)**		
e.	Simplify algebraic expressions involving negative and rational exponents.	**13 (Example 2), 20 (Example 15a-15b, 15d-15f), 21 (#31b, 32b), 22 (#33-34, 35b, 36b), 23 (#95-98), 46, 49 (#67-68), 71 (#49-50), 72 (#101-102), 73 (#6b-6c, 7b), 109 (#101), 258 (#1), 411 (#103-106)**		

	OBJECTIVES & INDICATORS	Coverage in *Student Edition (SE) and Teacher Edition (TE) (pg #'s, etc.)*	Coverage in *Ancillary Material* (titles, pg #'s, etc.)	*Not covered in TE, SE or ancillaries*
Objective 1.2: Solve systems of equations and inequalities.		658-668, 669-680, 681-694, 705-709, 710 (#35-38), 711 (#39-54, 65-71), 712 (#72-78), 723 (#67-68), 725 (#1-26, 31-32), 726 (#33-44, 45a, 46-47), 727 (#48, 65-76), 729 (#1-10, 15-17, 19-21), 731 (#6-10), 732 (#11, 14-17), 739-742, 746 (#51-80), 747 (#82-88, 89a, 90a), 748 (#91a, 92a), 763 (#91-94), 769, 771 (#53-70), 772 (#71, 72b), 782-783, 790 (#1-14), 792 (#58b, 63-66), 794 (#15-28), 795 (#29-30), 797 (#83-94), 798 (#107-110), 799 (#3, 7, 11-12, 15), 802 (#13-14)		
a.	Solve systems of linear, absolute value, and quadratic equations algebraically and graphically.	658-661, 663-664, 665 (#5-7, 11), 666 (#15-27, 29-32, 35-38, 49-50, 53, 61, 63-65), 667 (#66-68, 69c, 70b, 71c-71d), 668 (#72b-72c, 73-78), 669-680, 681-694, 723 (#67-68), 725 (#1-4, 8-12, 15-26, 31-32), 726 (#33-44, 45a, 46-47), 727 (#48), 729 (#1, 3-5, 7-10, 20), 731 (#6-10), 732 (#11, 14-15, 16b, 17b), 739-742, 746 (#51-80), 747 (#82-88, 89a, 90a), 748 (#91a, 92a), 763 (#91-94), 769, 771 (#53-70), 772 (#71, 72b), 782-783, 790 (#1-14), 792 (#58b, 63-66), 794 (#15-28), 795 (#29-30), 797 (#83-94), 799 (#3, 7, 11-12, 15), 802 (#13-14)		

OBJECTIVES & INDICATORS		Coverage in *Student Edition (SE) and Teacher Edition (TE) (pg #'s, etc.)*	Coverage in *Ancillary Material* (titles, pg #'s, etc.)	*Not covered in TE, SE or ancillaries*
b.	Graph the solutions of systems of linear, absolute value, and quadratic inequalities on the coordinate plane.	**705-709, 710 (#35-38), 711 (#39-44, 47-48, 50, 65-71), 712 (#72-74, 75b, 76b, 77 , 78b), 727 (#65-71, 73, 74b, 75-76), 729 (#15-16), 732 (#15, 16b, 17b), 780 (#101-102), 875 (#71-74), 882 (#5-6)**		
c.	Solve application problems involving systems of equations and inequalities.	**660, 663-664, 666 (#61-65), 667 (#66-71), 668 (#72), 675-676, 678 (#43-51), 679 (#52-56, 63), 680 (#64), 687, 688 (Example 9), 691 (#51-60), 692 (#61-66), 693 (#71-74), 708-709, 711 (#65-71), 712 (#72-78), 725 (#15-16, 31-32), 726 (#45-47), 727 (#48, 73-76), 729 (#19), 731 (#6-10), 732 (#15-17), 747 (#82, 85-86, 89-90), 748 (#91-92), 769, 771 (#67-70), 772 (#71-72), 780 (#101-102), 792 (#58), 799 (#15), 802 (#13-14)**		

OBJECTIVES & INDICATORS	Coverage in *Student Edition (SE) and Teacher Edition (TE)* (pg #'s, etc.)	Coverage in *Ancillary Material* (titles, pg #'s, etc.)	*Not covered in TE, SE or ancillaries*
Objective 1.3: Represent and compute fluently with complex numbers.	**126-132, 167 (#77-94), 169 (#17-18), 312 (#129-132), 550 (#61-64), 632-642, 646 (#97-114), 648 (#20-24), 694 (#91-96)**		
a. Simplify numerical expressions, including those with rational exponents.	**127-129, 131 (#17-58), 132 (#75-82, 84-86), 167 (#81-90), 169 (#17-18), 312 (#129-132), 550 (#61-64), 635-636, 641 (#47-66, 71-88), 646 (#105-110), 648 (#22-23), 694 (#91-96)**		
b. Simplify expressions involving complex numbers and express them in standard form, $a + bi$.	**127-129, 131 (#17-58), 132 (#75-82, 84-86), 167 (#81-90), 169 (#17-18), 312 (#129-132), 550 (#61-64), 635-636, 641 (#71-88), 646 (#107-110), 648 (#22-23), 694 (#91-96)**		

OBJECTIVES & INDICATORS	Coverage in *Student Edition (SE) and Teacher Edition (TE)* (pg #'s, etc.)	Coverage in *Ancillary Material* (titles, pg #'s, etc.)	*Not covered in TE, SE or ancillaries*
Objective 1.4: Model and solve quadratic equations and inequalities.	**110-125, 143 (#121-122), 155, 159, 161 (#9-20, 34), 162 (#61-64, 67b, 68b, 69-72), 163 (#74b, 76), 167 (#65-74, 75a, 76c), 168 (#133-136, 145), 168 (#133-136, 145), 169 (#8, 15), 188 (#135-136), 251 (#95-104), 258 (#17-22), 288 (#109-116), 297 (#87-92), 411 (#107-108), 550 (#65-68), 763 (#85-86), 875 (#61-62)**		
a.	Model real-world situations using quadratic equations.	**116-117, 119, 121 (#109b, 110), 122 (#111-117, 118a), 123 (#123, 124a), 124 (#133), 125 (#134), 153 (#121), 167 (#76a), 443 (#39b)**		
b.	Approximate the real solutions of quadratic equations graphically.	**111 (Technology), 118 (Technology), 121 (#51-58), 124 (#131b)**		

	OBJECTIVES & INDICATORS	Coverage in *Student Edition (SE) and Teacher Edition (TE)* (pg #'s, etc.)	Coverage in *Ancillary Material* (titles, pg #'s, etc.)	*Not covered in TE, SE or ancillaries*
c.	Solve quadratic equations of a single variable over the set of complex numbers by factoring, completing the square, and using the quadratic formula.	**110, 112-116, 118, 119 (Writing About Mathematics), 120 (#7-20, 35-44), 121 (#67-108, 109c, 110), 122 (#111-114, 115a, 116c, 117c, 118c-118d), 123 (#119b, 120b, 121-123, 124b, 125-126), 124 (#127-130, 131b, 132a, 133), 125 (#134a), 167 (#65-74, 75a, 76c), 143 (#121-122), 153 (#121), 169 (#8), 188 (#135-136), 251 (#95-104), 258 (#17-22), 288 (#109-116), 297 (#87-92), 411 (#107-108), 550 (#65-68), 763 (#85-86)**		
d.	Solve quadratic inequalities of a single variable.	**155, 159, 161 (#9-20, 34), 162 (#61-64, 67b, 68b, 69-72), 163 (#74b, 76), 168 (#133-136, 145), 169 (#15), 259 (#33-34), 680 (#79-80)**		
e.	Write a quadratic equation when given the solutions of the equation.	**125 (#141-146)**		

STANDARD II: Students will understand and represent functions and analyze function behavior.			
Percentage of coverage in the *student and teacher edition* for Standard II:_____ %	**Percentage of coverage not in student or teacher edition, but covered in the *ancillary material* for Standard II: _____%**		
OBJECTIVES & INDICATORS	**Coverage in *Student Edition (SE) and Teacher Edition (TE)* (pg #'s, etc.)**	**Coverage in *Ancillary Material* (titles, pg #'s, etc.)**	*Not covered in TE, SE or ancillaries*
Objective 2.1: Represent mathematical situations using relations.	*Found throughout text. See, for example:* **174-188, 189-202, 215-222, 223-232, 264-274, 275-288, 313-324, 336-344, 384-394, 395-404**		
a. Model real-world relationships with functions.	**181-182, 185 (#98c), 186 (#105-113), 187 (#114-119), 188 (#120), 194, 195 (Example 8), 200 (#89-94), 201 (#95-101), 202 (#102), 221 (#61-65), 222 (#66-68), 231 (#67), 232 (#68), 253 (#32), 254 (#49-50, 52), 272 (#75-81), 273 (#82-87), 313-324, 339 (Example 4), 340 (Example 5), 343 (#41-48), 344 (#49-50), 391 (Example 9), 401 (Example 11)**		
b. Describe a pattern using function notation.	**194 (Example 6), 199 (#87-88), 200 (#89c-90c, 91), 201 (#96a, 97-98, 99a, 101b), 215, 220 (#1-8), 254 (#50b, 51a, 52a), 259 (#48a), 268 (Example 4), 271 (#43-52), 272 (#75d)**		

	OBJECTIVES & INDICATORS	Coverage in *Student Edition (SE) and Teacher Edition (TE) (pg #'s, etc.)*	Coverage in *Ancillary Material (titles, pg #'s, etc.)*	*Not covered in TE, SE or ancillaries*
c.	Determine when a relation is a function.	**190, 197 (#1-10), 198 (#11, 13-24), 254 (#33-38)**		
d.	Determine the domain and range of relations.	**193, 199 (#57-70), 203 (Example 1), 210 (#1-4), 221 (#51c, 52c), 254 (#43-48), 257 (#6-7), 336, 341 (#5-12), 342 (#25-32), 346, 350 (#13a-36a), 351 (#37a-62a, 63-66), 376 (#1-4, 13a-30a, 32c), 379 (#1-3), 780 (#95-100), 844 (#71a-74a)**		

OBJECTIVES & INDICATORS		Coverage in *Student Edition (SE) and Teacher Edition (TE) (*pg #'s, etc.)	Coverage in *Ancillary Material* (titles, pg #'s, etc.)	*Not covered in TE, SE or ancillaries*
Objective 2.2: Evaluate and analyze functions.		*Found throughout text. See, for example:* **189-202, 203-214, 215-222, 223-232, 233-241, 242-251, 254-256, 257 (#4-22), 259 (#37-46, 48-49), 264-274, 275-288, 298-312, 336-344, 345-353, 384-394, 395-404, 483-493, 494-504**		
a.	Find the value of a function at a given point.	**192 (Example 3), 198 (#25-42), 199 (#43-44), 203 (Example 1b), 210 (#5-8), 214 (#111-114), 218 (Example 2), 220 (#29-36), 232 (#83-84), 234 (Example 2), 235 (Example 4c), 238 (#13-24), 239 (#43-46), 240 (#60b, 61d, 62b), 241 (#68), 250 (#69-74), 254 (#39-42, 49a, 49c), 257 (#4-5), 259 (#37), 384 (Example 1), 388 (Example 6), 392 (#1-6, 27-32), 395 (Example 1), 396 (Example 2), 402 (#17-22), 403 (#61-64)**		
b.	Compose functions when possible.	**235, 236 (Example 5), 237 (Example 7a), 238 (#31-34), 239 (#35-42, 45-46), 240 (#63c), 241 (#64, 65a, 66a, 67, 68c), 256 (#109-110, 114), 257 (#17e-17f, 18e-18f), 259 (#44-45), 274 (#103-104), 404 (#107-108)**		
c.	Add, subtract, multiply, and divide functions.	**233-234, 238 (#1-30), 239 (#43-44, 56a, 57a, 58a, 59), 240 (#60a, 61b), 256 (#107-108, 113a), 257 (#17a-17d, 18a-18d), 259 (#42-43), 274 (#99-102), 404 (#103-106)**		

OBJECTIVES & INDICATORS	Coverage in *Student Edition (SE) and Teacher Edition (TE) (*pg #'s, etc.)	Coverage in *Ancillary Material* (titles, pg #'s, etc.)	*Not covered in TE, SE or ancillaries*
d. Determine whether or not a function has an inverse, and find the inverse when it exists.	242-251, 256 (#115-128), 257 (#19-21), 259 (#46), 344 (#59-60), 374 (#89-92), 568 (#97-100), 814 (#125-128)		
e. Identify the domain and range of a function resulting from the combination or composition of functions.	234 (Example 3), 236 (Example 5), 238 (#5-12), 239 (#35-42), 256 (#107-110), 259 (#42-45)		
Objective 2.3: Define and graph exponential functions and use them to model problems in mathematical and real-world contexts.	384-394, 397 (Example 5a), 423-426, 430 (#7-20), 431 (#21-36), 432 (#37-46), 434 (#66), 437, 438 (#39-40), 440 (#137-138, 141, 143-148), 441 (#5-7, 27-28)		
a. Define exponential functions as functions of the form $y = ab^x, b > 0, b \neq 1$.	*Opportunities to address this standard can be found on the following pages:* 384-387		
b. Model problems of growth and decay using exponential functions.	389-391, 393 (#53-68), 394 (#69-70), 424-426, 430 (#7-20), 431 (#21-30, 35-36), 432 (#37-42, 43b, 44b, 45-46), 437 (#35-36, 38), 439 (#135), 440 (#145-148), 441 (#27-28), 443 (#40-42)		
c. Graph exponential functions.	385, 387, 388 (Example 7), 392 (#11-16, 23-26), 393 (#33-44, 64a, 67c, 68c), 394 (#69a, 70a, 77), 397 (Example 5a), 435 (#89-92), 437 (#15-22, 31-34, 38a), 438 (#40c), 441 (#5-7), 482 (#117-120), 748 (#103-104)		

Objective 2.4: Define and graph logarithmic functions and use them to solve problems in mathematics and real-world contexts.	**395-404, 423, 429, 433 (#51-58), 444 (#59-63, 66), 438 (#45-48, 53-70), 440 (#151-152), 441 (#9-11, 29)**			
a.	Relate logarithmic and exponential functions.	**395, 397 (Example 5), 398, 402 (Vocabulary #1, #1-16), 403 (#45-60), 438 (#41-44), 438 (#41-48)**		
b.	Simplify logarithmic expressions.	**396 (Example 3), 400 (Example 9), 402 (#27-30), 406 (Example 4), 407 (Example 6), 409 (#23-38), 410 (#61-78, 81), 438 (#75-78, 87-94), 441 (#18-20), 443 (#30), 493 (#93-96)**		
c.	Convert logarithms between bases.	**405, 409 (#1-8), 411 (#95-100), 422 (#135-138), 438 (#71-74), 441 (#12-14), 443 (#26-28)**		
d.	Solve exponential and logarithmic equations.	**396 (Example 4), 403 (#79-86), 412-422, 438 (#49-52), 439 (#97-136), 441 (#21-26), 443 (#31-36), 504 (#89-98), 723 (#61-66), 772 (#79-82)**		
e.	Graph logarithmic functions.	**397 (Examples 5-6), 398, 403 (#69-78), 404 (#88b, 89a), 438 (#65-68), 441 (#9-11), 482 (#121-124), 748 (#105-106)**		
f.	Solve problems involving growth and decay.	**423-426, 428, 430 (#7-20), 431 (#21-30, 35-36), 432 (#37-46), 433 (#49-50), 434 (#63-65), 440 (#145-148, 150), 441 (#29), 443 (#41-43)**		

STANDARD III: Students will use algebraic, spatial, and logical reasoning to solve geometry and measurement problems.			
Percentage of coverage in the *student and teacher edition* for Standard III:_____ %	Percentage of coverage not in student or teacher edition, but covered in the *ancillary material* for Standard III: _____%		
OBJECTIVES & INDICATORS	Coverage in *Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)*	Coverage in *Ancillary Material* (titles, pg #'s, etc.)	*Not covered in TE, SE or ancillaries*
Objective 3.1: Examine the behavior of functions using coordinate geometry.	**203-214, 215-222, 223-232, 254 (#39-48), 255 (#59-106), 257 (#4-16), 259 (#37-41), 264-274, 275-288, 336-344, 345-353, 483-493, 494-504**		
a. Identify the domain and range of the absolute value, quadratic, radical, sine, and cosine functions.	**193 (Example 5d), 199 (#57-58, 61-64, 67-70), 200 (#92), 232 (#86-88), 254 (#43, 46, 48), 483**		
b. Graph the absolute value, quadratic, radical, sine, and cosine functions.	**80, 83 (Example 7), 86 (#7-8), 87 (#27-28, 31-36, 39-40, 43-48), 97 (#111-112), 220 (#13-16, 21-24), 226 (Example 3), 230 (#19c-20c, 23c-28c, 31c-34c, 37c-42c), 231 (#67a), 255 (#81, 83-84, 93c-97c, 100c-102c, 105c-106c), 257 (#9a-10a, 15c-16c), 258 (#12-13), 264-267, 268 (Example 4), 270 (#9-28), 271 (#29-36, 57-64), 272 (#75c), 273 (#85a, 86c, 87a), 274 (#88c), 326 (#1-14, 19d), 366 (#99-102), 483-488, 491 (#27-62, 71-72), 492 (#73c-75c, 78c), 493 (#79c-80c), 528 (#89-98), 529 (#100a), 531 (#12), 543 (#121, 124)**		

	OBJECTIVES & INDICATORS	Coverage in *Student Edition (SE) and Teacher Edition (TE)* (pg #'s, etc.)	Coverage in *Ancillary Material* (titles, pg #'s, etc.)	*Not covered in TE, SE or ancillaries*
c.	Graph functions using transformations of parent functions.	223-232, 255 (#93c-106c), 257 (#14c-15c), 288 (#117-122), 459 (#111-114), 485-488		
d.	Write an equation of a parabola in the form $y = a(x\_h)^2 + k$ when given a graph or an equation.	268 (Example 4), 271 (#29-42), 326 (#3-16), 327 (#25-30), 330 (#3)		

OBJECTIVES & INDICATORS	Coverage in *Student Edition (SE) and Teacher Edition (TE) (pg #'s, etc.)*	Coverage in *Ancillary Material (titles, pg #'s, etc.)*	*Not covered in TE, SE or ancillaries*
Objective 3.2: Determine radian and degree measures for angles.	**448-452, 456 (#1-4, 13-20), 457 (#21-30, 39-64), 458 (#65-72), 465 (Example 8), 468 (#51-56), 469 (#63), 506 (Example 1), 508, 511 (#1-16, 19-34), 515 (Example 1), 516 (Example 4), 517 (Example 5), 521 (#1-10, 22), 522 (#23c, 24-25, 28, 30b-31b, 32c, 33), 523 (#35-36), 527 (#1-2, 3c-10c, 11-26), 529 (#111-124), 531 (#1b-1c, 8-9, 19), 561 (#85-89), 608 (#59-64)**		
a. Convert angle measurements between radians and degrees.	**452, 457 (#45-64)**		
b. Find angle measures in degrees and radians using inverse trigonometric functions, including exact values for special triangles.	**506 (Example 1), 508, 511 (#1-16, 19-34), 529 (#111-124), 608 (#59-64)**		

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OBJECTIVES & INDICATORS	Coverage in *Student Edition (SE) and Teacher Edition (TE) (pg #'s, etc.)*	Coverage in *Ancillary Material* (titles, pg #'s, etc.)	*Not covered in TE, SE or ancillaries*
Objective 3.3: Determine trigonometric measurements using appropriate techniques, tools, and formulas.	**448-459, 460-470, 471-482, 505-514, 515-525, 527-528, 529 (#111-124, 129-140), 531 (#1-11, 14-17, 19-20)**		
a. Define the sine, cosine, and tangent functions using the unit circle.	**477-478**		
b. Determine the exact values of the sine, cosine, and tangent functions for the special angles of the unit circle using reference angles.	**477 (Example 8), 480 (#87-94), 528 (#85-88)**		
c. Find the length of an arc using radian measure.	**453, 458 (#73-76, 81-82), 527 (#27-28)**		
d. Find the area of a sector in a circle using radian measure.	**455, 458 (#77-80), 459 (#92-93), 527 (#31-32), 531 (#3), 650 (#40)**		

STANDARD IV: Students will understand concepts from probability and statistics and apply statistical methods to solve problems.			
Percentage of coverage in the *student and teacher edition* for Standard IV:_____ %	**Percentage of coverage not in student or teacher edition, but covered in the *ancillary material* for Standard IV: _____%**		
OBJECTIVES & INDICATORS	**Coverage in *Student Edition(SE) and Teacher Edition (TE)* (pg #'s, etc.)**	**Coverage in *Ancillary Material* (titles, pg #'s, etc.)**	*Not covered in TE, SE or ancillaries*
Objective 4.1: Apply basic concepts of probability.	**863-875, 879 (#117-120), 880 (#121-124), 881 (#16-18), 883 (#37)**		
a. Distinguish between permutations and combinations and identify situations in which each is appropriate.	**855-859, 861 (#37-40, 47-58), 862 (#59-60, 65-67), 879 (#113-116), 883 (#36)**		
b. Calculate probabilities using permutations and combinations to count events.	**866 (Example 5), 871 (#21-24), 873 (#41-48), 879 (#117-118), 880 (#122, 124), 881 (#16-17)**		
c. Compute conditional and unconditional probabilities in various ways, including by definitions, the general multiplication rule, and probability trees.	**864-870, 871 (#7-24), 872 (#25-34, 35b-35c, 36), 873 (#37-49), 874 (#50-55), 875 (#56a), 879 (#117-120), 880 (#121-124), 881 (#16-18), 883 (#37)**		
d. Define simple discrete random variables.	*Not addressed in this text.*		
Objective 4.2: Use percentiles and measures of variability to analyze data.	*Not addressed in this text.*		
a. Compute different measures of spread, including the range, standard deviation, and interquartile range.	*Not addressed in this text.*		
b. Compare the effectiveness of different measures of spread, including the range, standard deviation, and interquartile range in specific situations.	*Not addressed in this text.*		
c. Use percentiles to summarize the distribution of a numerical variable.	*Not addressed in this text.*		
d. Use histograms to obtain percentiles.	*Not addressed in this text.*		